

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

PPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/603,356	06/25/2003		Thomas Daly		2566
	7590 08/23/2007 Clifford Kraft			EXAMINER	
320 Robin Hill Dr.				METZMAIER, DANIEL S	
Naperville, IL 60540			ART UNIT	PAPER NUMBER	
				1712	
				<b></b>	
				MAIL DATE	DELIVERY MODE
			·	08/23/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of Abandonment    10/603,356   Examiner		Application No.	Applicant(s)			
Examiner   Art Unit   Daniel S. Metzmaier   1712		10/603.356	DALY, THOMAS			
This application is abandoned in view of:    Stapplicant's failure to timely file a proper reply to the Office letter mailed on 20 December 2006.	Notice of Abandonment	, , , , , , , , , , , , , , , , , , , ,				
This application is abandoned in view of:    Stapplicant's failure to timely file a proper reply to the Office letter mailed on 20 December 2006.		Daniel S. Metzmaier	1712			
This application is abandoned in view of:  1. ☒ Applicant's failure to timely file a proper reply to the Office letter mailed on 20 December 2006.  (a) ☐ A reply was received on	The MAILING DATE of this communication ap					
Stapplicant's failure to timely file a proper reply to the Office letter mailed on 20 December 2006.						
(a) A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply fincluding a total extension of time of month(s)) which expired on (b) A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection. (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) No reply has been received.  2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).  (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).  (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ The issue fee required by 37 CFR 1.18(d), is \$ The publication fee, if applicable, has not been received.  3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowance from the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by an attorney or agent of record, the assignee of the	1 M Applicantly follows to fine by Glasses and the the Offi		•			
(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.  (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ☑ No reply has been received.  2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).  (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).  (b) ☐ The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) ☐ The issue fee and publication fee, if applicable, has not been received.  3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) ☐ No corrected drawings have been received.  4. ☐ The letter of express abandonment which is signed by the attorney or agent (acting in a representative capacity under 37 CFR 1.134(a)) upon the filing of a continuing application.  6. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1	(a) A reply was received on (with a Certificate of period for reply (including a total extension of time or	Mailing or Transmission dated f month(s)) which expired on _	), which is after the expiration of the			
application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ☒ No reply has been received.  2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).  (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).  (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$  (c) ☐ The issue fee and publication fee, if applicable, has not been received.  3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) ☐ No corrected drawings have been received.  4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. ☐ The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review			•			
final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ⊠ No reply has been received.  2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailling date of the Notice of Allowance (PTOL-85).  (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailling or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-95).  (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$  (c) ☐ The issue fee required by 37 CFR 1.18 is \$ the publication fee, if required by 37 CFR 1.18(d), is \$  (d) ☐ The issue fee and publication fee, if applicable, has not been received.  3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) ☐ No corrected drawings have been received.  4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. ☐ The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. ☐ The reason(s) below:  Encl.:Examiner-Initiated Interview Summary (PTOL-413B)	application in condition for allowance; (2) a timely file	ed Notice of Appeal (with appeal fee);				
2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).  (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).  (b) The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee required by 37 CFR 1.18 is \$ The publication fee, if applicable, has not been received.  3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  Encl.: Examiner-Initiated Interview Summary (PTOL-413B)						
from the mailing date of the Notice of Allowance (PTOL-85).  (a)   The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).  (b)   The submitted fee of \$ is insufficient. A balance of \$ is due.	(d) 🖾 No reply has been received.					
	Applicant's failure to timely pay the required issue fee a from the mailing date of the Notice of Allowance (PTOL-	nd publication fee, if applicable, within -85).	the statutory period of three months			
The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$  (c)   The issue fee and publication fee, if applicable, has not been received.  3   Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a)   Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b)   No corrected drawings have been received.  4.   The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5.   The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6.   The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7.   The reason(s) below:  Encl.:Examiner-Initiated Interview Summary (PTOL-413B)  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.	), which is after the expiration of the statutory					
(c)	(b) The submitted fee of \$ is insufficient. A balan	ce of \$ is due.	•			
3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  Encl.:Examiner-Initiated Interview Summary (PTOL-413B)  Applicant's failure to timely filed to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.  January 1.11 1.11 1.11 1.11 1.11 1.11 1.11 1.	The issue fee required by 37 CFR 1.18 is \$	The publication fee, if required by 37	CFR 1.18(d), is \$			
Allowability (PTO-37).  (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  Encl.:Examiner-Initiated Interview Summary (PTOL-413B)  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.	(c) The issue fee and publication fee, if applicable, has	not been received.				
after the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  Encl.:Examiner-Initiated Interview Summary (PTOL-413B)  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.		quired by, and within the three-month	period set in, the Notice of			
4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  Encl.:Examiner-Initiated Interview Summary (PTOL-413B)  Patent and Trademark Office	(a) Proposed corrected drawings were received on after the expiration of the period for reply.	(with a Certificate of Mailing or Trar	nsmission dated), which is			
the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  Encl.:Examiner-Initiated Interview Summary (PTOL-413B)  Patitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.	(b) No corrected drawings have been received.					
1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  Encl.:Examiner-Initiated Interview Summary (PTOL-413B)  Daniel S. Metzmaier Primary Examiner Art Unit: 1712  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.  U.S. Patent and Trademark Office		he attorney or agent of record, the ass	signee of the entire interest, or all of			
of the decision has expired and there are no allowed claims.  7. The reason(s) below:  Encl.:Examiner-Initiated Interview Summary (PTOL-413B)  Daniel S. Metzmaier Primary Examiner Art Unit: 1712  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.  U.S. Patent and Trademark Office	5. The letter of express abandonment which is signed by a 1.34(a)) upon the filing of a continuing application.	an attorney or agent (acting in a repres	sentative capacity under 37 CFR			
Encl.:Examiner-Initiated Interview Summary (PTOL-413B)  Daniel S. Metzmaier Primary Examiner Art Unit: 1712  Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.  U.S. Patent and Trademark Office	6. The decision by the Board of Patent Appeals and Interfer of the decision has expired and there are no allowed cla	erence rendered on and because ims.	se the period for seeking court review			
Daniel S. Metzmaier Primary Examiner Art Unit: 1712 Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.  U.S. Patent and Trademark Office	7. The reason(s) below:		•			
minimize any negative effects on patent term.  U.S. Patent and Trademark Office	Encl.:Examiner-Initiated Interview Summary (PTO	L-413B)	Primary Examiner			
U.S. Patent and Trademark Office	Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withd minimize any negative effects on patent term.	raw the holding of abandonment under 37				
	U.S. Patent and Trademark Office	of Abandonment	Part of Paper No. 20070820			